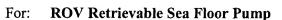
Date: July 25, 2003

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is an application of Inventors: Floyd D. Ireland
Janislene S. Ferreira
Eugene E. Ratterman
Robert J. Rivera



Enclosed are:

- 3 sheet of drawings
- <u>x</u> Power of Attorney
- x Declaration
- x Information Disclosure Statement
- <u>x</u> Please return the enclosed self-addressed postcard to the undersigned, properly date stamped, upon receipt of the enclosure.

CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$750/\$375
TOTAL CLAIMS	20 - 16 =	0	X \$18/9	
MULTIPLE CLAIMS			X \$280/140	
INDE- PENDENT CLAIMS	3 – 3 =	0	X \$84/\$42	
	•	1	TOTAL FILING FEE	\$750

TOTAL FEE \$790

<u>x</u> The Commissioner is hereby authorized to charge all fees, or credit any overpayment to Baker Hughes Deposit Account No. 02-0429.



x Other: Recordation Form Cover Sheet and Assignment attached.

James E. Bradley

Attorney of Record

Registration No. 27,536

BRACEWELL & PATTERSON, L.L.P.

P.O. Box 61389

Houston, Texas 77208-1389

Tel: 713/221-3301 Fax: 713/222-3287